



Project / Type _____

Notes _____

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Decorative suspended luminaire in aluminium; surface polished chrome, brushed aluminium or powder coated; pendant fitting with suspension, incl. feed (black or white); can be individually shortened; round ceiling surface mounted canopy (black or white) optionally for two to five lamps or two to ten lamps fittings; or linear ceiling surface mounted canopy (black or white) optionally for two to five lamps fittings; high quality plano-convex glass lens; energy-efficient LEDs with very good colour rendering; canopy for through wiring; converter included in canopy; ceiling mounting rings for multiple positioning of the luminaire in the room available as accessory



General

gun metal _____

Cable traffic white _____

IP20 _____

352 lm _____

LED

2700 K _____

CRI ≥ 90 _____

L80 / 50000 h _____

initial MacAdam ≤ 2 SDCM _____

R_g: 99 | R_f: 90 | R_{f[1-5]}: 87 _____

MR 0.6 | MDER 0.54 _____

Optical

wide flood | beam angle 67° _____

P_{st}LM ≤ 1.0 ¹ | SVM ≤ 0.4 ¹ _____

Electrical

PC3 | 220-240 V _____

system 3.2 W | fixture 2.4 W _____

system 110 lm/W ² | fixture 147 lm/W ³ _____

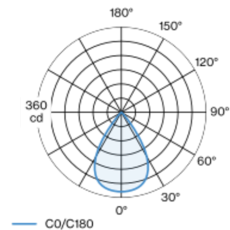
300 mA _____

Physical

diameter 60 mm | height 60 mm _____

cable length 2500 mm _____

Light distribution



wide flood 67°

h (m)	E0° (lx)	ø (m)
1	335	1.31
2	84	2.63
3	37	3.94
4	21	5.26
5	13	6.57

Product drawing



¹ Value of containing product at full load (undimmed)
² incl. consideration of optical losses, internal control unit losses & operating device efficiency
³ incl. consideration of optical losses & internal control unit losses



Maintenance Factors

Operating Time [h]	10 000	20 000	30 000	40 000	50 000
LLMF	0.964	0.923	0.884	0.847	0.811
LSF	1	1	1	1	1
MF	LMF × RSMF × LLMF × LSF		RSMF ^a	Room Surface Maintenance Factor	
MF	Maintenance Factor		LLMF	Lamp Lumens Maintenance Factor	
LMF ^a	Luminaire Maintenance Factor		LSF	Lamp Survival Factor	

^a According to "CIE 97, Maintenance of indoor electric lighting systems", 2005, ISBN 3-900-734-34-8. The values must be determined by the planner.

Circuit Breaker Types

Automatic Circuit Breaker Type	Number of Fixtures
B10	18
B16	30
C10	23
C16	36

Mounting accessories

CANOPY multi linear

TYPE	COLOUR	L-W-H (MM)	ARTICLE NUMBER(S)
2-5 insets	traffic white	1000-34-50	005-2692037
2-5 insets	jet black	1000-34-50	005-2692038
2-5 insets	traffic white	1000-34-50	005-2692097
2-5 insets	jet black	1000-34-50	005-2692098



Mounting accessories

CANOPY WITH SLOTS multi round

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
2-5 insets	traffic white	380	005-2690037
2-5 insets	jet black	380	005-2690038
2-5 insets	traffic white	380	005-2690097
2-5 insets	jet black	380	005-2690098
2-10 insets	traffic white	380	005-2690137
2-10 insets	jet black	380	005-2690138
2-10 insets	traffic white	380	005-2690197
2-10 insets	jet black	380	005-2690198



Mounting accessories

CANOPY WITHOUT SLOTS multi round

TYPE	COLOUR	Ø (MM)	ARTICLE NUMBER(S)
2-5 insets	traffic white	380	005-2691037
2-5 insets	jet black	380	005-2691038
2-5 insets	traffic white	380	005-2691097
2-5 insets	jet black	380	005-2691098
2-10 insets	traffic white	380	005-2691137
2-10 insets	jet black	380	005-2691138
2-10 insets	traffic white	380	005-2691197
2-10 insets	jet black	380	005-2691198



NOBA 60

multi suspended

049-54169157W



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HOOK surface

COLOUR	Ø (MM)	ARTICLE NUMBER(S)
traffic white	16	030-1000017
jet black	16	030-1000018

